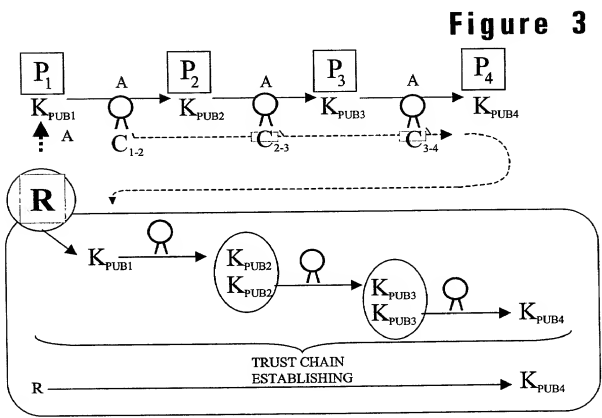


Figure 2



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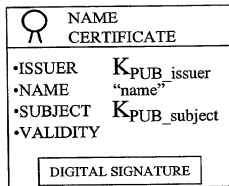


Figure 4

$$K_{\text{PUB_issuer}} \cdot \text{"name"} = K_{\text{PUB_subject}}$$

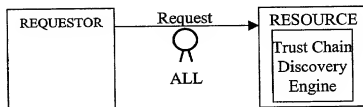


Figure 10

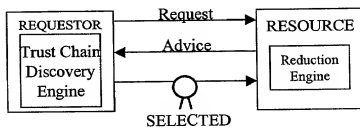


Figure 11

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Figure 5

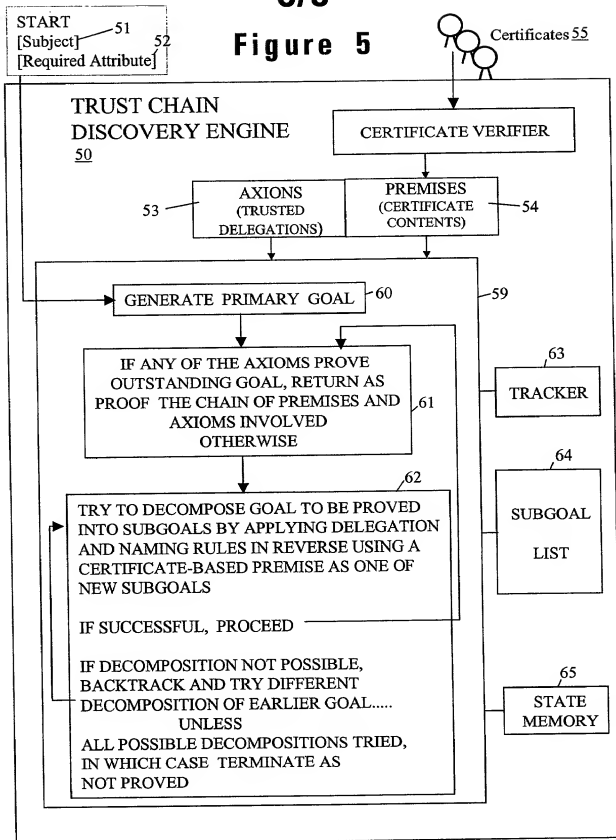
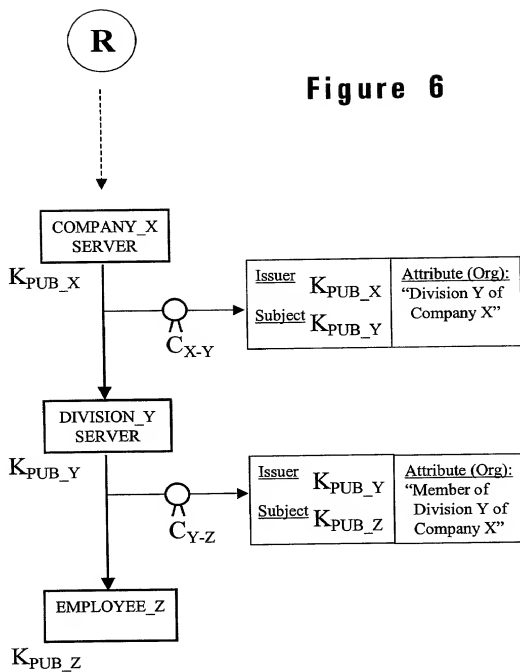


Figure 6

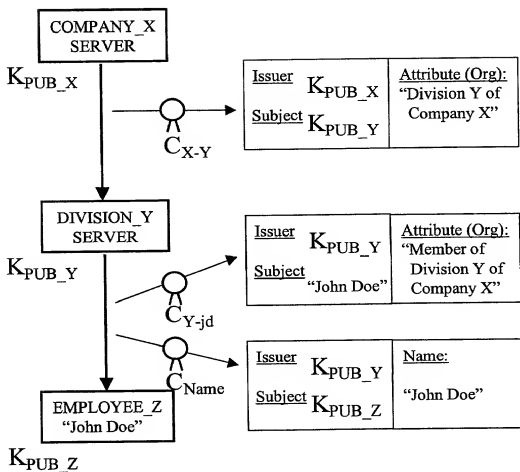


RESOURCE REQUIRES:	REQUESTOR IS MEMBER OF ACCREDITED ORGANISATION
PREMISES	$C_{X-Y} \quad K_{PUB_X} \xrightarrow{\text{"Division Y of Company X"}} K_{PUB_Y}$ $C_{Y-Z} \quad K_{PUB_Y} \xrightarrow{\text{"Member of Division Y of Company X"}} K_{PUB_Z}$
RELEVANT AXIOM	$SELF \xrightarrow{\text{Company X}} K_{PUB_X}$
PRIMARY GOAL	$\langle SELF \rightarrow K_{PUB_Z} \rangle$
FIRST DECOMPOSITION	$\langle SELF \rightarrow K_{PUB_Y} \rangle \quad \langle K_{PUB_Y} \rightarrow K_{PUB_Z} \rangle$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">JUSTIFIED BY C_{Y-Z}</div>
SECOND DECOMPOSITIN	$\langle SELF \rightarrow K_{PUB_X} \rangle \quad \langle K_{PUB_X} \rightarrow K_{PUB_Y} \rangle$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">JUSTIFIED BY AXIOM</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">JUSTIFIED BY C_{X-Y}</div>

Figure 7

R

Figure 8



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RESOURCE REQUIRES:	REQUESTOR IS MEMBER OF ACCREDITED ORGANISATION
PREMISES	$ \begin{array}{lcl} C_{X-Y} & K_{PUB_X} \xrightarrow{\text{"Division Y of Company X"}} & K_{PUB_Y} \\ C_{Y-jd} & K_{PUB_Y} \xrightarrow{\text{"Member of Division Y of Company X"}} & \text{"John Doe"} \\ C_{Name} & K_{PUB_Y} \cdot [\text{"John Doe"}] = & K_{PUB_Z} \end{array} $
RELEVANT AXIOM	$ SELF \xrightarrow{\text{Company X}} K_{PUB_X} $
PRIMARY GOAL	$ \langle SELF \rightarrow K_{PUB_Z} \rangle $
FIRST DECOMPOSITION	$ \langle SELF \rightarrow \text{"John Doe"} \rangle < \text{"John Doe"} \rightarrow K_{PUB_Z} \rangle $ <div style="text-align: right; border: 1px solid black; padding: 2px; margin-top: 10px;"> JUSTIFIED BY C_{Name} </div>
SECOND DECOMPOSITION	$ \langle SELF \rightarrow K_{PUB_Y} \rangle \langle K_{PUB_Y} \rightarrow \text{"John Doe"} \rangle $ <div style="text-align: right; border: 1px solid black; padding: 2px; margin-top: 10px;"> JUSTIFIED BY C_{Y-jd} </div>
THIRD DECOMPOSITION	$ \langle SELF \rightarrow K_{PUB_X} \rangle \langle K_{PUB_X} \rightarrow K_{PUB_Y} \rangle $ <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px;"> JUSTIFIED BY AXIOM </div> <div style="border: 1px solid black; padding: 2px;"> JUSTIFIED BY C_{X-Y} </div> </div>

Figure 9

